

## State Parks Puget Sound Wastewater Projects - Detailed Follow-up

March 2, 2007

Park	Project	Status	Explanation	Problems	Action Plan	Budgeted Cost	Expenditures	Forecasted Cost	Planned Completion	Forecasted Completion
Belfair State Park	Add pre-treatment system to existing wastewater treatment; upgrade utility hookup sites in campground.		Working with DOH on finalizing requirements for approved design. Attempting to also add an element on nitrogen removal.	No problem at this time.		700,000	48,831	400,000	12/31/2007	10/31/2007
Birch Bay State Park	Replace beach area sewer lift station pumps and improve connection to the municipal sewer by replacing valves and manholes.		Currently under design.	No problem at this time.		125,000	21,326	125,000	12/31/2007	10/31/2007
Blake Island State Park	Upgrade sewage collection and treatment system into DOH compliance. The domestic water system will be upgraded in the process.		Developing scope to determine alternative options related to the high strength waste from restaurant.	No problem at this time.		250,000	178,735	250,000	12/31/2007	12/31/2007
Camano Island State Park	Replace outdated sewage collection and treatment system at park office, shop and residence. Repair campground drainfield.		Final design scope expected with design beginning March 2007.	No problem at this time.		300,000	19,657	300,000	12/31/2007	12/31/2007
Deception Pass State Park	This project will replace outdated sewage collection and treatment system in the Cornet Bay area of the park with a connection to the sewage treatment system at NAS Whidbey.		Currently under design.	Proposed cost is above available funding.	Researching alternate fund sources. Developing a predesign report for 07/09 project in advance to determine alternatives and estimated costs.	350,000	107,815	670,000	12/31/2007	12/31/2007
Dosewallips State Park	Replace wastewater collection and treatment system. If funding allows, upgrade existing comfort stations.		Discussions are occurring with Brinnon and Mason County. Proposal is to put a shared wastewater treatment facility on property in Brinnon.	Proposed location of treatment facility is not owned by Parks. Mason County is in the process of acquiring. Many issues not in Parks control.	Continuing discussions with City of Brinnon, and various Mason County entities. Will need to make a policy call in the near future whether to continue discussions or only address park wastewater treatment.	1,850,000	56,444	1,850,000	12/31/2007	6/30/2008
Fay Bainbridge State Park	Replace outdated and fragmented sewage collection and treatment systems with a new MBR system along with repair/replacement of the day use restroom.		Discussions are occurring with the City of Bainbridge Island to determine interest in a regional MBR to include about 80+- neighboring residents. Consultant is currently designing an MBR treatment facility that would treat Park effluent, with the intent to handle the additional effluent.	No known problems at this time		1,300,000	308,045	1,700,000	12/31/2007	12/31/2007
Ft Casey State Park	Replace collection system and drainfield and supplement replacement of 80 year old restroom. Connect Lighthouse facilities to new treatment system.		Under construction - expected to be complete by the end of March 2007.	No problem at this time.		350,000	323,539	350,000	3/31/2007	3/31/2007
Ft Ebey State Park	Replace failing pressurized dome drainfield, upgrade collection system.		Currently under design.	No problem at this time.		675,000	28,877	290,000	12/31/2007	10/31/2007

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Ft Flagler State Park	Improve wastewater treatment to include the RV dump station, vacation houses, offices and retreat center that will all be designed to be tied in to one treatment system.		Evaluating two alternative drainfield locations to minimize disruption to natural areas and cultural resources.	Construction season and possibility of insufficient funds to construct the new drainfield if it is not permitted in the natural forest area.	Both sites are being evaluated to determine which is more suitable for drainfield	750,000	348,393	750,000	12/31/2007	8/31/2007
Fort Worden State Park	Replace sewage pumps in two sewage lift stations in the beach area. Construct a permeable pavement parking area for Bldg 246.		Design complete. Determined that due to high use, construction will occur in the fall.	No problem at this time.		300,000	63,169	300,000	12/31/2007	10/31/2007
Illahee State Park	Replace outdated and fragmented sewage collection and treatment systems with a new MBR system.		Currently under design. Drainfield is currently under construction as part of another project within the park.	No problem at this time.		1,100,000	475,992	1,500,000	12/31/2007	12/31/2007
Kitsap Memorial State Park	Renovate RV dump station and drainfield.		Final design scope expected with design beginning March 2007.	No problem at this time.		500,000	52,519	500,000	12/31/2007	10/31/2007
Kopachuck State Park	Replace outdated and fragmented sewage collection and treatment systems with a new treatment system.		Currently under design. Discussions are occurring with Peninsula School District to construct a partnering treatment system.	Proposed cost is \$1.5 million above available funding (not including funds needed from the school district for their portion should we partner).	Researching alternate fund sources. Developing a predesign report for 07/09 project in advance to determine alternatives and estimated costs.	1,200,000	103,837	2,500,000	12/31/2007	12/31/2007
Larrabee State Park	Replace 30 year old park wide wastewater collection and treatment system with an MBR.		Currently under design.	No problem at this time.		750,000	193,785	1,700,000	12/31/2007	12/31/2007
Penrose State Park	Replace outdated sewage collection and treatment systems with a single consolidated system.		Currently under design.	No problem at this time.		700,000	62,661	150,000	12/31/2007	8/31/2007
Pleasant Harbor State Park	Add new comfort station and improve parking lot stormwater management.		Partnering with PSAT and DOT to address storm water runoff. Environmental permitting has begun for vault toilet replacement.	No problem at this time.		150,000	7,240	150,000	12/31/2007	10/31/2007
Possession Point State Park	Replace outdated sewage collection and treatment systems with a single consolidated system along with upgrade of restroom facilities and parking lot. A storm water diverter system will be added above the drainfield to limit flooding.		Currently under design for storm water solution. Scope is being finalized for wastewater treatment. (had to complete storm water assessment and determine solution before continuing with wastewater)	No problem at this time.		250,000	29,195	250,000	12/31/2007	10/31/2007
Potlatch State Park	Connect parkwide sewer system with Minerva Beach treatment system or add an MBR plant. Improve storm water management system. Move park housing away from salmon bearing stream.		On hold until three-way exchange is complete.	Wastewater treatment for this park may likely be tied to the Skokomish tribe's MBR facility. This project will not be completed by December 31, 2007.		1,050,000	72,952	1,050,000	12/31/2007	

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Sequim Bay State Park	Connect the entire park wastewater system to the City of Sequim municipal sewer and treatment facility.		DOT Franchise Agreement has been approved and incorporated into plans and specs. Meeting to work through timing per Bald Eagle Management Plan, Franchise Agreement and park operations.	No problem at this time.		925,000	176,507	1,050,000	12/31/2007	12/31/2007
Scenic Beach State Park	Assess and upgrade the 30+ year old wastewater collection and treatment system as necessary.		Design scope being finalized.	No problem at this time.		900,000	98,318	550,000	12/31/2007	9/30/2007
Shine Tidelands/Wolfe Property	Add new comfort station, parking lot and stormwater management.		Working through permitting for a vault toilet at Shine Tidelands.	Permitting may be an issue.	Working with Jefferson County - Will do a wetland delineation to determine if location of proposed vault toilet location is within acceptable boundary to a wetland (have to wait until spring) - once determined will proceed with either constructing or determine if another option is possible.	850,000	76,132	270,000	12/31/2007	10/31/2007
Triton Cove State Park	Add new comfort station and improve parking lot stormwater management.		Partnering with PSAT and DOT to address storm water runoff.	No problem at this time.		170,000	8,302	170,000	12/31/2007	10/31/2007
Twanoh State Park	Replace entire wastewater collection & treatment system.		Currently under construction. Project is going well. Expected completion is mid-June 2007.	No problem at this time.		1,000,000	339,521	1,300,000	6/30/2007	6/30/2007
Twanoh State Parks	Creosote clean up and stormwater management at Twanoh.		Finalizing the design scope for a creosote pier replacement at Twanoh. Combining with boat pumpout funding to relocate the pumpout from a float to the pier and connect to the new onsite system. Working with DNR on piling removal portion.	Permitting may be an issue.		300,000	12,356	300,000	12/31/2007	10/31/2007